FIRST & Final

Orginal/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For other works)

AEE(SSD)/SBR 157/15-16

No..... Date.....

Division: **Dasarahalli Division** Sub-Division: 30-11-15

Bill Received No. 446 Dated 18-12-15 Cash Book Vocher No..... Dated.....

Schedule Docket No..... Head of Account.....

Name of work (as Per Sanctioned Estimate.): - ***Improvments to Main road & Cross roads at Abbigere Karekallu Area, in ward No. 12, in Shettyhalli Sub- Division***

Name of Contractor and Full Address: :-KRIDL

Reference to Agreement No: SE/DD/NO/92/13-M dt 27.06.2014

Certified that the measurements were taken by me on 30/11/15 and recorded in pages 225140/1 to 225152/2 of this

MB No:- 2252/14-15.

Contractor Signature.

Officer-in-charge of work. Paul, N.K. 30/11/2015

Certified that the measurements were taken by me on 30/11/2015 and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **Work Code No.** 012-14-000036 Sub-Division Officer ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

		amount
1	Total Value of work done or supplies made as per account.	4591825=00
2	Deduct amount to be held in reserve being ..... Percent Rs.	
3	Deduct amount to be held in reserve being balance	
4	Deduct payments: a) Amount of previous payment as in the office Cash Book Vocher No..... Dated..... S.D. No.....	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5	Balance being unpaid value of work done held in reserve	
6	Deduct cash advance made on the office cash book vehicle No..... Dated..... Less adjustments	
7	Net amount due to or from contractor	
	Unadjusted items	
8	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied. Government materials supplied.	

IT - 91837-
KST - 183673-
FSD - 229591-
LWL - 45918-
CSF - 4592-
R/A - 69970-
Total - 625581-
Net 3966244=00

Received Rs..... (in wards).....

Audited and admitted for Rs 4591825=00

Passed by Cheque for Rs. 3966244=00

By cash and by adjustment of payment as per memorandam.

by adjustment Rs. 625581=00

Witnesses:
1
2

Accounts Superintendent Executive Engineer
B.B.M.P. Jagajanahalli

Contractor Signature.

(for use in the office)

Date:.....

Paid by me by cheque..... Dated.....

Cash Rs..... Dated.....

Initials of Officer making payment dated.....

Signature of Contractor.

Executive Engineer.

Sl. No.	Description of Items
1	Removing B.S. slab of Drain and stacking.
2	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dresse[illegible]he d.spos earth to be leveled neatly after breaking of clods complete as per specifications..
3	Refixing stone slabs of drains and pointing in C.M (1:3)
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixi curing etc., complete..
5	: Providing and constructing precast concrete solid blocks with compressive strength not less than Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of s 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charg scaffolding, curing complete as per specifications
6	Providing and constructing non-load bearing wall with cement concrete solid blocks with compress strength not less than 35 Kg/sqm with cement mortar 1:4 (Jamb, closer blocks) withblocks of s 40x10x20cms. (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labo charges, scaffolding, curing complete as per specifications..
7	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM plastering and finishing cutting etc., complete..
8	Supply & fixing precastreinforced concrete covering slab 10cm thick including cost of all materials as design and drawing , material cost,transportation,hire charges of machinery machine cutting the verti faace to get plain even surface etc., complete with all leads and lift conveyance charges,lab charges,curing complte as per directions of the engineer incharge work.Data rate complte as specifications. .
9	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, v 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes@ 0.43c with superplastisiser @3lts confirming to IS9103-1999 affirmed-2008, machine mixed, concrete laic layers not exceeding15 cms. thick, well compacted, in foundation,plinth and cills, includingcost of materials, labour, HOM of machinery, curing complete as per specifications..
10	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking scarified materials and stacking of old serviceable materials with lead of 100 m. sequential spreading the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bo macadam specifications including cost of all labour, HOM of machineries complete as per specification
11	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the gro manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cabl and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated sur levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dresse per specifications.
12	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compac graded stones aggregate to wet mix macadam specifications including pre mixing the material with w at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers paver in sub-base/base course on well prepared surface and compacting with vibratory roller to ach the desired density complete as per specifications. MORTH Specification No. 406
13	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surfac granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm u mechanical means complete as per specifications. MORTH Specification No. 502 Page No. 175/ Item
14	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old g bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, H of machineries complete as per specifications. MORTH / Chapter 5.
15	. Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, he bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all mate labour, HOM of machineries complete as per specifications. MORTH/Chapter 5

Unit	Previous Measurement			Present Measurement			Total Up-to-date	
	Qty.	Rate	Cost	Qty.	Rate	Cost	Qty.	Cost
	—	—	784.08	784.08 817.96	50.11	39,290.00	784.08 817.96	39290.00
Sqm	—	—	174.24	152.8	65.88	10,066.00	152.88	10066.00
Sqm	—	—	—	784.08	70.04	54,917.00	784.08	54,917
Sqm	—	—	207.12	197.52	343.44	67836.00	197.52	67,836.00
Sqm	—	—	—	384.0	924.48	355000.00	384.0	3,55000.00
Sqm	—	—	—	384.0	663.12	254638.00	384.0	254638.00
Cum	—	—	—	1120.00	267.84	299981.00	1120.00	299981.00
Sqm	—	—	—	864.00	16000.00	13,82400	864.00	13,82400
cum	—	—	—	38.4	5323.32	204415.00	38.4	204415.00
Sqm	—	—	—	925.00	72.36	66933.00	925.00	66933.00
Sqm	—	—	—	231.25	177.12	40,959.00	231.25	40,959.00
Cum	—	—	—	231.25	1121.04	259241.00	231.25	1121.04
Sqm	—	—	—	925.0	44.28	40959.00	925.0	40959.00
Cum	—	—	—	1914.0	2.59	4961.00	1914.0	4961.00
Cum	—	—	—	1914	17.93	34314.00	1914	34314.00

16	. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, [illegible]M of machineries complete as per specifications.MORTH /Chapter 5. With 60/70 grade bitumen.	
17	Providing and laying bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 50930-45mm compacted thickness (Grading II) with 6% Bitumen 60/70	
18	Carriage of mixed materials 10kms . For items of Sl. No (1) rs. 5.20 per cum/km.	Cu
19	.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.	Cu
20	Conveying the excavated earth silt, debris and over burden earth etc. To lead of 9 kms distance by suing private vehicle this includes the cost of loading and unloaidng charges etc., compelte ,	Cu

1 This is to certify that the contractor has completed the work satisfactorily.
2 The contractor has cleared the debries from the work sport
3 The contractor has used his own vehicles for the coveying the debries.
4 There are no departmental issues for the above work.

Rasul. N. K.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

				47.12		317296	47.12	317296
			49.63	49.61	673380	334165.00	49.61	334165.00
				57.42	11452.32	6,57592.00	57.42	6,57,592.00
				335.65	56.16	18850	335.65	18850
				338.30		18999.00	338.30	18999.00
			80	79.40	471.96	37473	79.40	37757.00
				375.00	72.71	27266.00	375.00	27266.00

41,91,689 — 4174387=00

KRIDL + Cess 11% — 461085 — 4174387=00

QC 1% — 41916 — 4591825=00

46,94,690=00